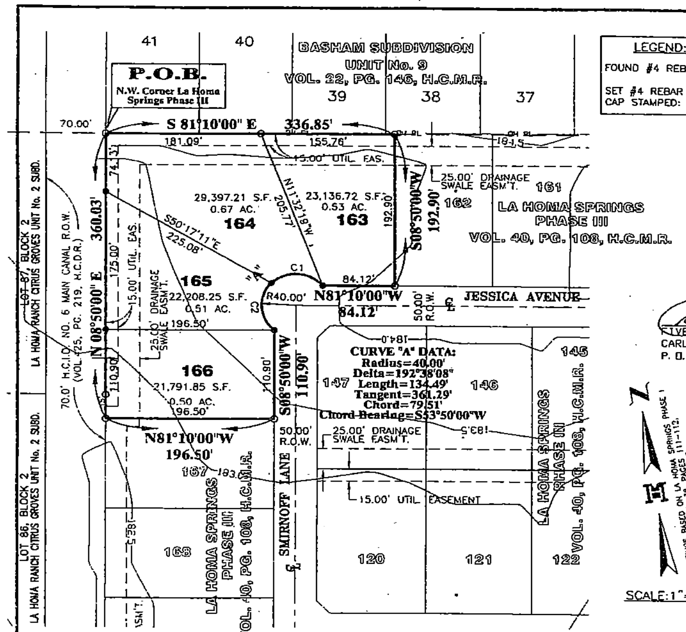


LEGEND:

FOUND #4 REBAR ——— o

SET #4 REBAR W/PLASTIC CAP STAMPED: "MELDEN AND HUNT" ——— •

SUBDIVISION PLAT OF AMENDED MAP OF LOTS 163, 164, 165 & 166, LA HOMA SPRINGS PHASE III

BEING A RESUBDIVISION OF 2.216 ACRES, OUT OF ALL OF LOTS 163, 164, 165, 166, LA HOMA SPRINGS PHASE III, HIDALGO COUNTY, TEXAS, ACCORDING TO THE PLAT RECORDED IN VOLUME 40, PAGE 108, MAP RECORDS OF HIDALGO COUNTY, TEXAS.

METES AND BOUNDS DESCRIPTION:-

BEING A RESUBDIVISION OF 2.216 ACRES OUT OF ALL OF LOTS 163, 164, 165 AND 166, LA HOMA SPRINGS PHASE III, HIDALGO COUNTY, TEXAS, ACCORDING TO THE PLAT RECORDED IN VOLUME 40, PAGE 108, HIDALGO COUNTY, MAP RECORDS, SAID 2.216 ACRES ARE MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A #4 REBAR FOUND AT THE NORTHWEST CORNER OF LA HOMA SPRINGS PHASE III, FOR THE NORTHWEST CORNER OF THIS TRACT;

1) THENCE, S 81°10'00" E, ALONG THE NORTH LINE OF SAID LA HOMA SPRINGS PHASE III, A DISTANCE OF 336.85 FEET TO A #4 REBAR FOUND FOR THE NORTHEAST CORNER OF THIS TRACT.

2) THENCE, S 08°50'00" W, A DISTANCE OF 192.90 FEET TO A #4 REBAR FOUND ON THE NORTH RIGHT-OF-WAY OF JESSICA AVENUE, FOR THE EASTERNMOST SOUTHEAST CORNER OF THIS TRACT.

3) THENCE, N 81°10'00" W, ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID JESSICA AVENUE, A DISTANCE OF 84.12 FEET TO A #4 REBAR SET FOR AN OUTSIDE CORNER OF THIS TRACT.

4) THENCE, IN A SOUTHEASTERLY DIRECTION ALONG A CURVE TO THE LEFT, WITH A CENTRAL ANGLE OF 192°38'08", A RADIUS OF 40.00 FEET, AN ARC LENGTH OF 134.49 FEET, A TANGENT OF 361.29 FEET, AND A CHORD THAT BEARS S 53°50'00" W, A DISTANCE OF 79.51 FEET TO A #4 REBAR SET FOR AN OUTSIDE CORNER OF THIS TRACT.

5) THENCE, S 08°50'00" W, ALONG THE WEST RIGHT-OF-WAY LINE OF SMIRNOFF LANE, A DISTANCE OF 110.90 FEET TO A #4 REBAR FOUND FOR THE WESTERNMOST SOUTHWEST CORNER OF THIS TRACT.

6) THENCE, N 81°10'00" W, A DISTANCE OF 196.50 FEET TO A #4 REBAR FOUND ON THE WEST LINE OF SAID LA HOMA SPRINGS PHASE III, BEING ALSO THE EAST LINE OF A 70.00-FOOT HIDALGO COUNTY IRRIGATION DISTRICT No. 6 MAIN CANAL RIGHT-OF-WAY, RECORDED IN VOLUME 425, PAGE 219, HIDALGO COUNTY DEED RECORDS, FOR THE SOUTHWEST CORNER OF THIS TRACT.

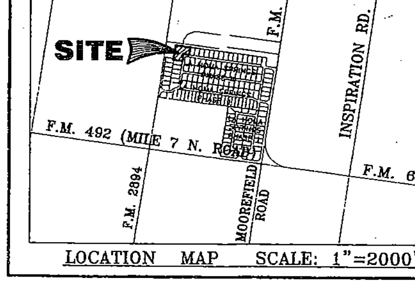
7) THENCE, N 08°50'00" E, ALONG THE WEST LINE OF SAID LA HOMA SPRINGS PHASE III, BEING ALSO THE EAST LINE OF SAID 70.00-FOOT HIDALGO COUNTY IRRIGATION DISTRICT No. 6 MAIN CANAL RIGHT-OF-WAY, A DISTANCE OF 360.03 FEET TO THE POINT OF BEGINNING, CONTAINING 2.216 ACRES OF LAND, MORE OR LESS.

HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 HEREBY CERTIFIES THAT THE DRAINAGE PLANS FOR THIS SUBDIVISION COMPLY WITH THE MINIMUM STANDARDS OF THE DISTRICT ADOPTED UNDER TEX. WATER CODE 49.211 (c). THE DISTRICT HAS NOT REVIEWED AND DOES NOT CERTIFY THAT THE DRAINAGE STRUCTURES DESCRIBED ARE APPROPRIATE FOR THE SPECIFIC SUBDIVISION, BASED ON GENERALLY ACCEPTED ENGINEERING CRITERIA. IT IS THE RESPONSIBILITY OF THE DEVELOPER OF THE SUBDIVISION AND ITS ENGINEER TO MAKE THESE DETERMINATIONS.

HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

BY: ____________________

MELDEN & HUNT INC.
CONSULTANTS · ENGINEERS · SURVEYORS
115 W. McINTYRE, EDINBURG, TX. 78541 — OFF: (956) 381-0981 FAX: (956) 381-1839
515 E. 2nd. STREET, RIO GRANDE CITY, TX. 78582 — OFF: (956) 487-8256 FAX: (956) 488-8591
E-MAIL: meldenandhunt.com — ESTABLISHED 1947



LOCATION MAP SCALE: 1"=2000'

PLAT NOTES AND RESTRICTIONS

1. MINIMUM BUILDING SETBACK LINES ARE AS FOLLOWS:
   FRONT..........25 FEET.
   CUL-DE-SAC..........10 FEET.
   GARAGE..........18 FEET, EXCEPT WHERE GREATER REQUIRED.
   REAR..........40 FEET, EXCEPT WHERE GREATER REQUIRED.
   SIDE..........6 FEET, EXCEPT WHERE GREATER REQUIRED.
2. THE FINISHED FLOOR ELEVATION SHALL BE 18" ABOVE THE TOP OF CURB IN FRONT OF THE CENTER OF ANY LOT.
3. FLOOD ZONE DESIGNATION: ZONE "X".
   ZONE "X" IS DEFINED AS AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN.
   COMMUNITY PANNEL NUMBER 480334 0295 D, MAP REVISED: JUNE 6, 2000.
4. NO BUILDING OR PERMANENT STRUCTURE ALLOWED OVER ANY EASEMENT.
5. BENCH MARK: INTERSECTION OF MILE 7 NORTH ROAD (F.M. 2221), AND MOOREFIELD ROAD (F.M. 681). ACCORDING TO USGS MAP ELEV.=176.00
6. NO MORE THAN ONE-SINGLE FAMILY DETACHED DWELLING SHALL BE LOCATED ON EACH LOT. (ALL OTHER LOT USE OTHER THAN RESIDENTIAL SHALL HAVE HEALTH DEPARTMENT AND FIRE MARSHAL APPROVAL).
7. LOT OWNERS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE DRAINAGE SWALE ON THEIR PROPERTY.
8. 25' DRAINAGE SWALE EASEMENTS SHALL NOT BE FILLED IN AND NO PERMANENT STRUCTURE BUILT OVER IT.
9. NO VISIBLE WATER WELL WITHIN 150' OF THIS SUBDIVISION.
10. TOTAL RUNOFF DETENTION REQUIRED: 2,700 C.F., OR AN AVERAGE OF: 675 C.F. PER LOT, AS PER APPROVED DRAINAGE REPORT FOR LA HOMA SPRINGS PHASE III.
11. NO SIDEWALK REQUIRED FOR THIS PLAT.
12. THE AMENDED PLAT PURPOSE SHALL CHANGE THE CUL-DE-SAC RADIUS FROM THE EXISTING 50.00-FOOT RADIUS TO A 40.00-FOOT RADIUS ON JESSICA AVENUE & SMIRNOFF LANE.
13. SEPTIC TANKS HAVE BEEN INSTALLED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT.

A. EACH LOT IN THIS PLAT COMPLIES WITH THE REQUIRED MINIMUM OF 21,780.00 S.F. OF LOT AREA WITH A POTABLE WATER SUPPLY.
B. THREE DEVELOPMENT AND APPROVAL OF WASTEWATER TREATMENT SYSTEM NOT REQUIRED.
C. WRITTEN AGREEMENT TO CONNECT TO EXISTING WASTEWATER TREATMENT SYSTEM IS NOT REQUIRED.
D. SOIL ANALYSIS HAS BEEN SUBMITTED TO THE HIDALGO COUNTY HEALTH DEPARTMENT AND MAY ALSO BE SEEN ON THE UTILITY LAYOUT FOR THIS SUBDIVISION AS SUBMITTED TO THE HIDALGO COUNTY PLANNING DEPARTMENT.

INDEX TO SHEET OF:
AMENDED MAP OF LOTS 163, 164, 165 AND 166, LA HOMA SPRINGS PHASE III PLAT

SHEET 1:
HEADING; INDEX; LOCATION MAP AND ETJ; PRINCIPAL CONTACTS; MAP; LOT, STREETS AND EASEMENTS LAYOUT; DESCRIPTION (METES AND BOUNDS); SURVEYOR'S CERTIFICATION; PLAT NOTES AND RESTRICTIONS; OWNER'S DEDICATION, CERTIFICATION, ATTESTATION; CITY APPROVAL CERTIFICATE; COUNTY CLERK'S RECORDING CERTIFICATE; REVISION NOTES.

SHEET 2:
ENGINEERING REPORT, INCLUDING DESCRIPTION OF WATER AND WASTE WATER/OSSF AND ENGINEER'S CERTIFICATION; DRAINAGE REPORT INCLUDING DESCRIPTION OF DRAINAGE, AND DRAINAGE SWALES, MAP OF TOPOGRAPHY AND DRAINAGE, AND ENGINEERING CERTIFICATION; REVISION NOTES.

LOCATION OF SUBDIVISION WITH RESPECT TO THE EXTRATERRITORIAL JURISDICTION OF A MUNICIPALITY:

AMENDED MAP OF LOTS 163, 164, 165 AND 166, LA HOMA SPRINGS PHASE III, IS LOCATED IN THE CENTRAL WEST PART OF HIDALGO COUNTY, APPROXIMATELY 1,741 FEET NORTH OF MILE 7 NORTH ROAD (F.M. 492), AND APPROXIMATELY 2,070 FEET WEST OF MOOREFIELD ROAD (F.M. 681). THE NEAREST MUNICIPALITY IS THE CITY OF MISSION, ACCORDING TO THE OFFICIAL MAP IN THE OFFICE OF THE SECRETARY OF THE CITY OF MISSION (POPULATION 60,146). AMENDED MAP OF LOTS 163, 164, 165 AND 166, LA HOMA SPRINGS PHASE III LIES APPROXIMATELY 4 MILES NORTH FROM THE CITY LIMITS, AND IS WITHIN THE 5 MILE EXTRATERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE § 212.001. THIS PROPERTY IS WITHIN PRECINCT No. 3.

CURVE TABLE

CURVE ID.	RADIUS	DELTA	LENGTH	TANGENT	CHORD	CHORD BEARING
C1	40.00	96°23'26"	67.29	44.73	59.63	N78°02'39"W
C2	40.00	96°14'42"	67.19	44.62	59.57	S05°38'17"W

DRAWN BY: [illegible signature] DATE: 8-15-07
SURVEYED, CHECKED BY: [illegible signature] DATE: Aug. 15, 2007
FINAL CHECK: [illegible signature] DATE: 11-15-07

PRINCIPAL CONTACTS:

	NAME	ADDRESS	CITY & ZIP	PHONE	FAX
OWNER:	CARLOS G. LEAL JR.	P.O. BOX 43	MISSION, TX. 78573-0473	(956) 607-0444	(956) 581-6411
ENGINEER:	FRED L. KURTH P.E.	115 W. McINTYRE	EDINBURG, TX 78541	(956) 381-0981	(956) 381-0981
SURVEYOR:	FRED L. KURTH R.P.S.	115 W. McINTYRE	EDINBURG, TX 78541	(956) 381-0981	(956) 381-0981

STATE OF TEXAS
COUNTY OF HIDALGO

OWNERS' DEDICATION, CERTIFICATION, AND ATTESTATION

WE/, CARLOS G. LEAL JR., ROSALIA GARCIA, MANOLO PUON ARGUELLO, ROBERTO PEREZ AND WIFE, YOLANDA PEREZ, PAUL HERNANDEZ AND WIFE ANCIRA HERNANDEZ OWNERS OF THE 2.216 ACRE TRACT OF LAND ENCOMPASSED WITHIN THE PROPOSED AMENDED MAP OF LOTS 163, 164, 165 AND 166, LA HOMA SPRINGS PHASE III, SUBDIVIDE THE LAND AS DEPICTED IN THIS SUBDIVISION PLAT AND DEDICATE TO PUBLIC USE THE STREET(S), PARK(S), AND EASEMENTS SHOWN HEREIN.

WE CERTIFY THAT WE HAVE COMPLIED WITH THE REQUIREMENTS OF TEXAS LOCAL GOVERNMENT CODE § 232.032 AND THAT

(A) THE WATER QUALITY AND CONNECTIONS TO THE LOTS MEET THE MINIMUM STATE STANDARDS;
(B) SAN. SEWER CONNECTIONS TO THE LOTS AND SEPTIC TANKS MEET THE MINIMUM REQUIREMENTS OF STATE STANDARDS;
(C) ELECTRICAL CONNECTIONS PROVIDED TO THE LOTS MEET THE MINIMUM STATE STANDARDS; AND
(D) GAS CONNECTIONS, IF AVAILABLE, PROVIDED TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS.

WE ATTEST THAT THE MATTERS ASSERTED IN THIS PLAT ARE TRUE AND COMPLETE.

FIVE L DEVELOPMENT Ltd.
CARLOS G. LEAL JR. (LOTS 163-166)
P. O. BOX 43 MISSION, TX. 78573-0473

ROSALIA GARCIA, (LOT 163)
2604 JESSICA AVE.
MISSION, TX. 78573

MANOLO PUON ARGUELLO, (LOT 164)
1411 OAK STREET
ALTON, TX. 78573

ROBERTO PEREZ AND WIFE, YOLANDA PEREZ, (LOT 165)
RT. 13 BOX 787
EDINBURG, TX. 78540

PAUL HERNANDEZ AND WIFE, ANCIRA HERNANDEZ, (LOT 166)
8709 SMIRNOFF LANE
MISSION, TX. 78573

STATE OF TEXAS
COUNTY OF HIDALGO

BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, ON THIS DAY PERSONALLY APPEARED CARLOS G. LEAL JR., ROSALIA GARCIA, MANOLO PUON ARGUELLO, ROBERTO PEREZ AND WIFE, YOLANDA PEREZ, PAUL HERNANDEZ AND WIFE ANCIRA HERNANDEZ, AND PROVED TO ME, THROUGH THEIR TEXAS DEPARTMENT OF PUBLIC SAFETY DRIVERS LICENSE, TO BE THE PERSONS WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, WHO, BEING BY ME FIRST DULY SWORN, DECLARED THAT THE STATEMENTS THEREIN ARE TRUE AND CORRECT AND ACKNOWLEDGED TO ME THAT THEY EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED.
GIVEN UNDER MY HAND AND SEAL OF OFFICE, THIS 30th DAY OF October, 2007.

NOTARY PUBLIC, STATE OF, TEXAS
MY COMMISSION EXPIRES:

CITY OF MISSION
CERTIFICATE OF PLAT APPROVAL
UNDER LOCAL GOVERNMENT CODE § 212.009(C) AND § 212.0115(B)

WE, THE UNDERSIGNED, CERTIFY THAT THIS PLAT OF AMENDED MAP OF LOTS 163, 164, 165 AND 166, LA HOMA SPRINGS PHASE III, WAS REVIEWED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MISSION ON:

MAYOR OF THE CITY OF MISSION — DATE 12/17/07
ATTEST: Anna Carrillo
SECRETARY OF THE CITY OF MISSION — DATE 12/17/07

CITY OF MISSION
CERTIFICATE OF PLAT APPROVAL
UNDER LOCAL GOVERNMENT CODE § 212.009(C) AND § 212.0115(B)

WE, THE UNDERSIGNED, CERTIFY THAT THIS PLAT OF AMENDED MAP OF LOTS 163, 164, 165 AND 166, LA HOMA SPRINGS PHASE III, WAS REVIEWED AND APPROVED BY THE PLANNING AND ZONING OF THE CITY OF MISSION ON:
DECEMBER 12, 2007

P & Z CHAIRMAN OF THE CITY OF MISSION — DATE

HIDALGO COUNTY
CERTIFICATE OF PLAT APPROVAL
UNDER LOCAL GOVERNMENT CODE § 232.028 (A)

WE THE UNDERSIGNED CERTIFY THAT THIS PLAT OF AMENDED MAP OF LOTS 163, 164, 165 AND 166, LA HOMA SPRINGS PHASE III, WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY COMMISSIONERS COURT ON: ____________

HIDALGO COUNTY JUDGE — DATE ________
ATTEST:
HIDALGO COUNTY CLERK — DATE ________

HIDALGO COUNTY
CERTIFICATE OF PLAT APPROVAL HIDALGO COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT No. 6

APPROVED - WATER DISTRICT

THIS PLAT IS HEREBY APPROVED BY HIDALGO COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT No. 6 SUBJECT TO THE CONDITION THAT IF IRRIGATION FROM SAID DISTRICT IS DESIRED TO THE INDIVIDUAL LOTS IN SAID SUBDIVISION, PROVISIONS SHALL BE MADE FOR APPROPRIATE EASEMENTS FOR THE INSTALLATION OF NECESSARY IRRIGATION FACILITIES TO SUCH LOTS FROM THE CLOSEST WATER DISTRICT DELIVERY POINT, AND IT SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY TO INSTALL SUCH NECESSARY FACILITIES.

DATED THIS THE 16 DAY OF August 2007.

PRESIDENT — 8/16/2007 DATE
ATTEST:
SECRETARY — 8/16/2007 DATE

COUNTY CLERK'S RECORDING CERTIFICATE

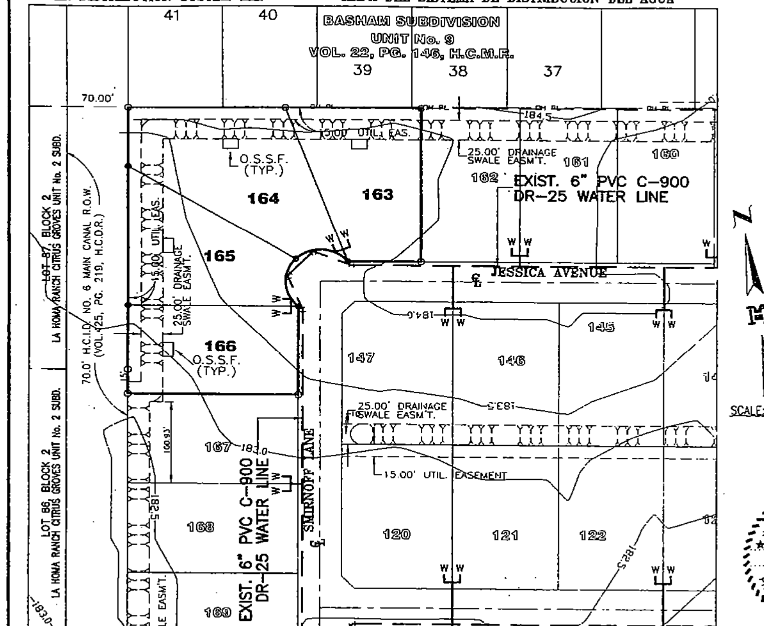
I, ____________, COUNTY CLERK OF HIDALGO COUNTY, CERTIFY THAT THE PLAT BEARING THIS CERTIFICATE WAS FILED FOR RECORD AT ________ O'CLOCK ____ M. ON ________, ______, AND WAS RECORDED IN BOOK ____, SHEET(S) ____ THE PLAT RECORDS OF HIDALGO COUNTY AT ________ O'CLOCK ____ M. ON ________, ______.

STATE OF TEXAS
COUNTY OF HIDALGO

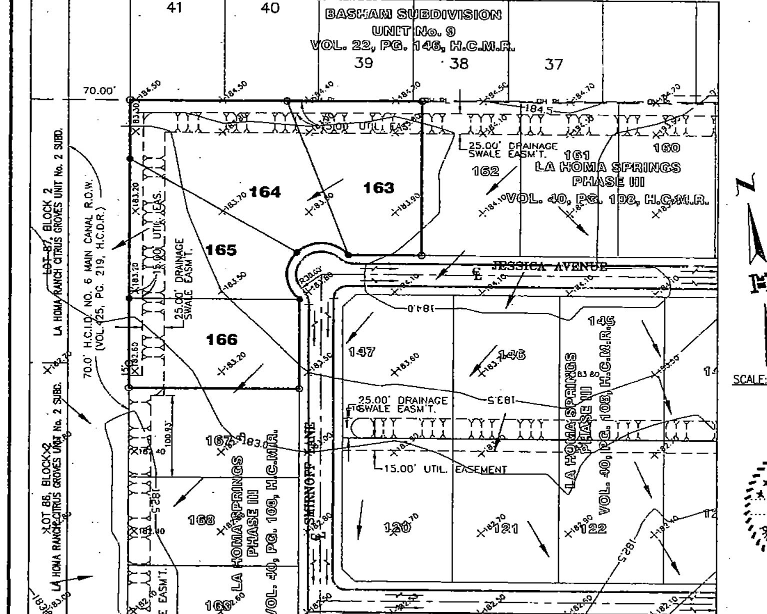
I, FRED L. KURTH A REGISTERED PROFESSIONAL LAND SURVEYOR AND REGISTERED PROFESSIONAL ENGINEER IN TEXAS, HEREBY CERTIFY THAT THE PLAT AND DESCRIPTION OF AMENDED MAP OF LOTS 163, 164, 165 AND 166, LA HOMA SPRINGS PHASE III, WERE PREPARED FROM A SURVEY OF THE PROPERTY MADE ON THE GROUND BY ME OR UNDER MY SUPERVISION ON AUGUST 1, 2006, AND THAT THE PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN TO THIS PLAT AND IS A TRUE AND ACCURATE REPRESENTATION OF THE SUBDIVISION.

11-19-07
FRED L. KURTH, L.P.E. # 54151 R.P.L.S. # 4750
DATE SURVEYED: 8-1-2006
DATE PREPARED: 3-15, 2007
JOB No. 06207.00

AMENDED MAP OF LOTS 163, 164, 165 & 166, LA HOMA SPRINGS PHASE III
WATER DISTRIBUTION SYSTEM MAP — MAPA DEL SISTEMA DE DISTRIBUCION DEL AGUA



AMENDED MAP OF LOTS 163, 164, 165 & 166, LA HOMA SPRINGS PHASE III
DRAINAGE AND TOPOGRAPHY MAP — MAPA DE TOPOGRAFIA Y DRENAJE PLUVIAL



LA HOMA SPRINGS PHASE III
DRAINAGE STATEMENT
APPROVED BY H. C. D. D. #1 ON JANUARY 23, 2002

LA HOMA SPRINGS PHASE III IS A 38.15 ACRE TRACT OF LAND, SITUATED IN THE COUNTY OF HIDALGO, TEXAS, CONSISTING OF 4.69 ACRES OF LOT 85, THE EAST 8.23 ACRES OF LOT 86, AND THE EAST 8.23 ACRES OF LOT 87, BLOCK 2, AND 3.38 ACRES OF LOT 83, THE WEST 6.61 ACRES OF LOT 84, AND 7.01 ACRES OF LOT 85, BLOCK 3, LA HOMA RANCH CITRUS GROVES UNIT No. 2 SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 8, PAGE 9, MAP RECORDS OF HIDALGO COUNTY, TEXAS. THIS DEVELOPMENT IS LOCATED APPROXIMATELY 1,741 FEET NORTH OF MILE 7 NORTH ROAD (F.M. 492), AND APPROXIMATELY 376 FEET WEST OF MOOREFIELD ROAD (F.M. 681). THE PROPERTY IS CURRENTLY OPEN LAND WITH A PROPOSED FUTURE RESIDENTIAL USE OF 66 LOTS. 29% OF THE PROPERTY LIES IN ZONE "A", THE REMAINDER 71% LIES IN ZONE "X", AS PER FEMA'S FLOOD INSURANCE RATE MAPS, COMMUNITY PANEL NUMBERS: 480334 0290 D, AND 480334 0295 D, MAPS REVISED JUNE 6, 2000; HOWEVER, THE PORTION THAT LIES IN ZONE "A" HAS BEEN RE-DESIGNATED AS ZONE "X", AS PER FEMA'S LETTER OF MAP AMENDMENT (LOMA) CASE No. 01-06-063A.
ZONE "A": NO BASE FLOOD ELEVATIONS DETERMINED.
ZONE "X": AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAIN.

THE SOILS IN THIS AREA ARE FINE SANDY LOAM AND SANDY CLAY LOAM, WHICH ARE IN THE HYDROLOGIC GROUP "B", AND ARE CLASSIFIED AS MODERATELY PERVIOUS, HAVING A RELATIVELY LOW PLASTICITY INDEX.

EXISTING RUNOFF IS IN AN EASTERLY DIRECTION, WITH A RUNOFF OF 23.15 C.F.S. DURING THE 10-YEAR STORM FREQUENCY.

THE PROPOSED DRAINAGE FOR LA HOMA SPRINGS PHASE III SHALL CONSIST OF SURFACE RUNOFF FROM THE PROPOSED STREETS INTO THE PROPOSED DRAINAGE SWALES. LA HOMA SPRINGS PHASE III SHALL BE CONSTRUCTED ADJACENTLY TO LA HOMA SPRINGS PHASE II, WHICH HAS ACCESS TO SAID MOOREFIELD ROAD (F.M. 681), AND LA HOMA ROAD (F.M. 2894). THE RUNOFF ALONG MOOREFIELD ROAD (F.M. 681), AND LA HOMA ROAD (F.M. 2894) WILL FLOW SOUTHERLY ALONG THE EXISTING BAR PITCHES. THE ULTIMATE OUTFALL SHALL BE INTO THE WEST MAIN PIT DITCH.

IN ACCORDANCE WITH THE HIDALGO COUNTY DRAINAGE POLICY, THE PEAK RATE OF RUNOFF IN THIS PROPERTY WILL NOT BE INCREASED DURING THE 10-YEAR RAINFALL EVENT DUE TO THE DEVELOPMENT OF THIS SUBDIVISION. THEREFORE, AS PER ATTACHED CALCULATIONS, THE 44,525 CUBIC FEET OF DETENTION (675 CUBIC FEET PER LOT) WILL BE PROVIDED WITHIN THE LOTS OF THIS SUBDIVISION. AS IT WAS PREVIOUSLY MENTIONED, DRAINAGE SWALES SHALL MEASURE 25 FEET IN WIDTH BY 16 INCHES IN DEPTH AS MAXIMUM, AND SHALL BE BUILT ON THE LOTS TO ACCOMPLISH THE DETENTION REQUIRED (SEE MAP).

*DETENTION FOR AMENDED MAP OF LOTS 163, 164, 165 AND 166, LA HOMA SPRINGS PHASE III, IS CALCULATED BASED ON APPROVED DRAINAGE REPORT FOR LA HOMA SPRINGS PHASE III. SAID DETENTION IS 675 CUBIC FEET PER LOT, OR 2,700 CUBIC FEET IN TOTAL.

ENGINEERING REPORT FOR AMENDED MAP OF LOTS 163, 164, 165 & 166, LA HOMA SPRINGS PHASE III
BY: FRED L. KURTH P.E.
WATER SUPPLY:

DESCRIPTION, COSTS, AND OPERABILITY DATE

AMENDED MAP OF LOTS 163, 164, 165 & 166, LA HOMA SPRINGS PHASE III, IS PROVIDED WITH POTABLE WATER BY SHARYLAND WATER SUPPLY CORPORATION (S.W.S.C.). THE SUBDIVIDER AND S.W.S.C. HAVE MADE A CONTRACT IN WHICH S.W.S.C. HAS PROMISED TO PROVIDE SUFFICIENT WATER TO THE SUBDIVISION FOR AT LEAST 30 YEARS. S.W.S.C. HAS PROVIDED DOCUMENTATION TO SUFFICIENTLY ESTABLISH THE LONG TERM QUANTITY AND QUALITY OF THE AVAILABLE WATER SUPPLIES TO SERVE THE FULL DEVELOPMENT OF THIS SUBDIVISION.

S.W.S.C. HAS 6" WATER LINES RUNNING ALONG THE WEST AND NORTH SIDES OF SMIRNOFF LANE AND JESSICA AVENUE RESPECTIVELY.

THERE ARE TWO 1" DIAMETER DUAL SERVICE LINES WITH 3/4" SINGLE SERVICE CONNECTIONS (ADJACENT) SERVICING THE FOUR LOTS OF THIS SUBDIVISION. THE SUBDIVIDER HAS PAID S.W.S.C. THE SUM OF $1,300.00 WHICH COVERS THE $325.00 COST PER LOT FOR THE WATER METERS INCLUDING INSTALLATION COSTS AND ALL TAP FEES AND MEMBERSHIP FEES. THE ENTIRE WATER FACILITIES ARE OPERABLE.

SEWAGE FACILITIES: DESCRIPTION, COSTS, AND OPERABILITY DATE

THE SEWAGE FROM AMENDED MAP OF LOTS 163, 164, 165 & 166, LA HOMA SPRINGS PHASE III, IS TREATED BY INDIVIDUAL ON SITE SEWAGE FACILITIES (OSSF). OSSF CONSIST OF A STANDARD DESIGN DUAL COMPARTMENT SEPTIC TANK AND DRAIN FIELD ON EACH LOT. THE UNDERSIGNED PROFESSIONAL ENGINEER HAS EVALUATED THE SUITABILITY OF THE SUBDIVISION SITE FOR OSSF AND SUBMITTED A REPORT CONCLUDING THAT THE SITE IS SUITABLE FOR OSSF. THE REPORT WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT. HIGHLIGHTS ARE AS FOLLOWS:

EACH LOT IN THE PROPOSED SUBDIVISION IS AT LEAST 1/2 ACRE IN SIZE. THE UNITED STATES DEPARTMENT OF AGRICULTURE SOIL SURVEY BOOK OF HIDALGO COUNTY INDICATES A FINE SANDY LOAM AND SANDY CLAY LOAM. THE SOILS EVALUATOR COMPLETED TWO SOIL ANALYSIS ON EACH LOT.

THE ESTIMATED COST TO INSTALL A SEPTIC TANK ON AN INDIVIDUAL LOT WAS: $ 1,000.00 INCLUDING THE COSTS FOR THE REQUIRED PERMIT AND LICENSE. ALL FOUR OSSF HAVE BEEN INSTALLED AS OF THIS TIME. THE TOTAL SEPTIC SYSTEM COST WAS: $4,000.00.

CERTIFICATION:

BY MY SIGNATURE BELOW, I CERTIFY THAT THE WATER AND SEWAGE SERVICE FACILITIES DESCRIBED ABOVE ARE IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 10.960, WATER CODE.

I CERTIFY THAT THE ESTIMATED COSTS FOR THE INSTALLATION OF WATER AND SEWAGE FACILITIES DISSCUSSED ABOVE, WERE AS FOLLOWS:

WATER FACILITES - THESE FACILITIES WERE FULLY CONSTRUCTED. THE SUBDIVIDER PAID A TOTAL OF $1,300.00 TO S.W.S.C. TO COVER THE COSTS OF INSTALLATION OF METERS AND MEMBERSHIP FEES.

SEWAGE FACILITIES - SEPTIC SYSTEMS COST $ 1,000.00 PER LOT (ALL INCLUSIVE), FOR A TOTAL $4,000.00 FOR THE SUBDIVISION.

FRED L. KURTH RPE # 54151 RPLS # 4750 — 11-19-07 DATE:

REPORTE DE INGENIERIA DE AMENDED MAP OF LOTS 163, 164, 165 & 166, HOMA SPRINGS PHASE III
BY: FRED L. KURTH P.E.
ABASTECIMIENTO DE AGUA:

ABASTECIMIENTO DE AGUA: DESCRIPCION, COSTOS Y FECHA DE OPERABILIDAD

AMENDED MAP OF LOTS 163, 164, 165 & 166, LA HOMA SPRINGS PHASE III, ES ABASTECIDA CON AGUA POTABLE POR PARTE DE SHARYLAND WATER SUPPLY CORPORATION (S.W.S.C.). LA PERSONA ENCARGADA O DUEÑO DE LA SUDIVISION Y S.W.S.C. HAN HECHO UN CONTRATO EN EL CUAL S.W.S.C. HA PROMETIDO ABASTECER CON SUFICIENTE AGUA A LA SUBDIVISION POR LO MENOS DURANTE 30 AÑOS; S.W.S.C. HA PROPORCIONADO DOCUMENTACION QUE ESTABLECE LA CANTIDAD Y CALIDAD DE ABASTECIMIENTO DE AGUA A LARGO PLAZO PARA SERVIR EL COMPLETO DESARROLLO DE ESTA SUBDIVISION.

S.W.S.C. CUENTA CON LINEAS DE AGUA DE 3" LAS CUALES SE ENCUENTRAN EN LOS LADOS OESTE Y NORTE DE SMIRNOFF LANE Y JESSICA AVENUE RESPECTIVAMENTE.

EL ABASTECIMIENTO DE AGUA SE LOGRA POR MEDIO DE 2 SERVICIOS DOBLES DE 1" CON CONECCIONES DE 3/4" (ADYACENTES) LOS CUALES ABASTECEN A LOS CUATRO LOTES QUE CONFORMAN ESTA SUBDIVISION. LA PERSONA ENCARGADA O DUEÑO DE LA SUBDIVISION PAGO A S.W.S.C. LA CANTIDAD DE $1,300.00 LA CUAL CUBRE LOS $350.00 DE LOS GASTOS POR LOTE QUE INCLUYEN INSTALACION, MEDIDORES Y CARGOS DE CONECCION. EL SISTEMA DE AGUA POTABLE ESTA EN CONDICIONES DE TOTAL OPERABILIDAD.

DRENAJE SANITARIO: DESCRIPCION, COSTOS Y FECHA DE OPERABILIDAD

EL DRENAJE SANITARIO DE AMENDED MAP OF LOTS 163, 164, 165 & 166, LA HOMA SPRINGS PHASE III, ES TRATADO INDIVIDUALMENTE POR MEDIO DE UN TANQUE O FOSA SEPTICA DE DISEÑO ESTANDAR DE DOBLE COMPARTIMIENTO Y UN AREA DE DRENADO, LOS CUALES HAN SIDO CONSTRUIDOS EN CADA LOTE (OSSF). EL INGENIERO SUSCRITO HA EVALUADO LA DISPONIBILIDAD DE LA SUBDIVISION PARA OSSF Y HA ENTREGADO UN REPORTE CONCLUYENDO QUE EL LUGAR ES APTO PARA OSSF. EL REPORTE FUE REVISADO Y APROBADO POR EL DEPARTAMENTO DEL AGUA Y SALUD DEL CONDADO DE HIDALGO. LOS DETALLES SON LOS SIGUIENTES:

CADA LOTE DE ESTA SUBDIVISION CUENTA POR LO MENOS CON 1/2 ACRE DE AREA. DE ACUERDO CON EL LIBRO DE ESTUDIO DEL DEPARTAMENTO DE AGRICULTURA Y TIPO DE TIERRA DE LOS ESTADOS UNIDOS PERTENECIENTE AL CONDADO DE HIDALGO INDICA QUE LA TIERRA ES DEL TIPO FINO-ARENOSA Y ARENO-ARCILLOSA; DOS MUESTRAS FUERON REALIZADAS EN CADA LOTE.

EL COSTO ESTIMADO PARA INSTALAR UN TANQUE SEPTICO EN CADA UNO DE LOS LOTES FUE DE $1,000.00, INCLUYENDO LOS COSTOS POR EL PERMISO Y LA LICENCIA REQUERIDOS. EL TOTAL DE LOS CUATRO SISTEMAS DE TANQUE SEPTICO HAN SIDO INSTALADOS EN CADA UNO DE LOS CUATRO LOTES DE ESTA SUBDIVISION. EL COSTO TOTAL DE DICHOS SISTEMAS DE TANQUE SEPTICO FUE DE $4,000.00.

CERTIFICACION:

POR MEDIO DE LA PRESENTE CERTIFICO QUE LOS SERVICIOS DE AGUA Y DRENAJE SANITARIO DESCRITOS ANTERIORMENTE, CUMPLEN CON LAS REGLAS MODELO ADOPTADAS BAJO LA SECCION 10.960 DEL CODIGO DE AGUA.

CERTIFICO QUE LOS COSTOS ESTIMADOS PARA INSTALAR LOS SERVICIOS DE AGUA SUBTERRANEA Y DRENAJE SANITARIO (OSSF) EN CADA UNO DE LOS LOTES, LOS CUALES HAN SIDO ESPECIFICADOS CON ANTERIORIDAD, SON DE LA SIGUIENTE MANERA:

AGUA - EL SISTEMA ESTA TOTALMENTE CONSTRUIDO. LA PERSONA ENCARGADA O DUEÑO DE LA SUBDIVISION HA PAGADO UN TOTAL DE $1,300.00 A S.W.S.C. PARA CUBRIR LOS GASTOS DE INSTALACION DE MEDIDORES Y MEMBRESIA.

DRENAJE SANITARIO - LOS SISTEMAS SEPTICOS TUVIERON UN COSTOS ESTIMADO DE $ 1,000.00 POR LOTE, HACIENDO UN TOTAL DE $4,000.00 POR LA SUBDIVISION.

FRED L. KURTH. RPE # 54151 RPLS # 4750 — 11-19-07 DATE

CERTIFICATION:

BY MY SIGNATURE BELOW, I CERTIFY THAT THE 500 YEAR FLOOD PLAIN AS DESCRIBED IN COMMUNITY PANEL NUMBERS 480334 0290 D, AND 480334 0295 D, REVISED JUNE 6, 2000, WILL BE CONTAINED WITHIN THE RIGHT-OF-WAY OF MOOREFIELD ROAD (F.M. 681), LA HOMA ROAD (F.M. 2894), AND WITHIN THE PROPOSED DRAINAGE SWALES AS DESCRIBED IN DRAINAGE REPORT.

FRED L. KURTH, RPE # 54151 RPLS # 4750 — 11-19-07 DATE: